

IN THE CLAIMS:

Please cancel claim 5 without prejudice or disclaimer of the subject matter thereof.

The following is a complete listing of claims in this application.

1. (currently amended) Tube ~~(1)~~ fitted with a head ~~(10)~~ intended to fix capping ~~(20)~~, and with a cylindrical or prismatic skirt ~~(2)~~ having an orthogonal section of any shape whose largest inscribed circle has a diameter D, ~~characterized in that the head is provided with~~ comprising a circular cylindrical wall ~~(11)~~ extending towards the inside of the tube, surrounding an opening ~~(15)~~ concentric to ~~said the~~ inscribed circle and having a diameter ~~typically lying between~~ $0.5 \cdot D$ and $0.9 \cdot D$, ~~and in that it essentially wherein the head~~ substantially occupies the inner volume of the end of skirt ~~(2)~~ over a distance of less than D, ~~preferably less than $D/3$~~ and wherein the head is fitted with an end wall comprising bosses entering the inner volume of the end of the skirt, each boss having a bottom wall having a slope inclined relative to the plane that is perpendicular to the axis of the opening.

2. (currently amended) Tube ~~(1)~~ according to claim 1 ~~fitted with a head (10) intended to fix capping (20) according to claim 12~~, in which the head is also provided with a peripheral wall ~~(12)~~ which extends the skirt ~~(2)~~ of the flexible tube over a short distance, ~~typically in the order of one millimetre~~, and is slightly recessed inwards over a distance corresponding to the thickness of the peripheral skirt ~~(24)~~ of the capping ~~(20)~~.

3. (currently amended) Tube ~~(1)~~ according to claim 2 fitted with a head ~~(10)~~ intended to fix a service-cap ~~(20)~~ ~~according to claim 13~~, in which said peripheral wall ~~(12)~~ is

provided with cavities ~~(121)~~ intended to receive housings ~~(204)~~ of extension parts ~~(203)~~ of the hinge ~~(202 and 203)~~.

4. (currently amended) Tube according to claim 2, ~~characterized in that~~ in which the orthogonal section of the skirt ~~(2)~~ is not a circle ~~centred~~ centered over the axis of the large-diameter-opening ~~(15)~~, so that the capping ~~(20)~~ is also locked in rotation when it reaches it end position.

Claim 5 (canceled).

6. (currently amended) Tube according to claim 1, in which said bosses ~~(13)~~ have a side wall ~~(16)~~ whose shape is deduced by staggering the shape of the skirt (2) and of the circular cylindrical wall ~~(11)~~ surrounding the large-diameter-opening ~~(15)~~, the stagger distance being less than D/10.

7. (currently amended) Tube according to claim 1, in which the lower part of the head ~~(10)~~ is fitted with a jutting part ~~(17)~~ oriented towards the inside of the tube.

8. (currently amended) Tube according to claim 7, in which the jutting part ~~(17)~~ is a positioning peg attached to a net ~~(19)~~ stretched between arms ~~(18, 18a)~~ crossing over the large-diameter-opening ~~(15)~~.

9. (currently amended) Tube according to claim 5 1, in which the section of the skirt ~~(2)~~ is an ellipse, the diameter of the large-diameter-opening ~~(15)~~ lies between 0.5 and 0.9 times the short axis of the ellipse, and in which the bosses ~~(13)~~ occupy the complementary parts of the ellipse formed by two zones extending around the long axis of the ellipse and have a side wall ~~(16)~~ deduced by inner displacement of the elliptic skirt ~~(2)~~ over a distance ~~in the order~~ of about one ~~millimetre~~ millimeter and outer displacement of the circular cylindrical wall ~~(11)~~ surrounding the large-diameter-opening ~~(15)~~.

10. (currently amended) Capping ~~(20)~~, ~~in particular a~~

~~service cap (20)~~, able to be fixed in substantially irreversible manner to the head of the tube, according to claim 1, ~~characterized in that it comprises~~ comprising a base ~~(21) whose~~ having an outer contour ~~follows~~ following the shape of the orthogonal section of the skirt of said tube and ~~is~~ fitted with a large-diameter-skirt ~~(22) whose~~ having a diameter ~~typically lies~~ between $0.5 \cdot D$ and $0.9 \cdot D$, D being the diameter of the largest circle inscribed in the outer contour of said base, said large-diameter-skirt having a height less than D , ~~preferably less than $D/3$~~ and being provided with substantially irreversible fixing means ~~(23)~~ to fix the capping ~~(20, 200)~~ to the head ~~(10)~~ of tube ~~(1)~~.

11. (currently amended) Capping according to claim 10, in which the large-diameter-skirt ~~(22)~~ has a cylindrical part ~~whose~~ having a diameter ~~is~~ equal to or slightly greater than the diameter of the large-diameter-opening ~~(15)~~ of the tube head and ~~has~~ an open end fitted with a click-fit rim ~~(23)~~ ~~whose~~ with an outer surface ~~is~~ of blunt cone shape ~~(27)~~.

12. (currently amended) Capping according to claim 10, in which the base ~~(21)~~ is fitted with a peripheral skirt intended to be inserted around the edge of the tube head.

13. (currently amended) Service-cap according to claim 10, comprising a base ~~(21)~~ and a cap end ~~(201)~~ pivoting around a hinge ~~(202 and 203)~~, said hinge comprising at least one extension part ~~(203)~~, in which the attachment of the extension part on the base is fixed in a housing ~~(204)~~ arranged in the lower part of the peripheral skirt ~~(24)~~.

14. (currently amended) Capping according to claim 10 in which the large-diameter-skirt is provided with ease notches ~~(26)~~.

15. (currently amended) Capping according to claim 14, in which the ease notches ~~(26)~~ are firstly cavities of trapezoid

shape widening towards the base which facilitate ~~the~~ proper positioning of the large-diameter-skirt (22) on the arms (18, 18a) crossing over the large-diameter-opening (15) of the tube head, and secondly are cavities which facilitate product flow towards the large-diameter-opening.

16. (currently amended) Service cap according to claim 10 in which the peripheral contour of the base is an ellipse and in which the diameter of the large-diameter-skirt lies between 0.5 and 0.9 times the short axis of said ellipse.

17. (currently amended) Dispenser tube intended to store and dispense liquid products of varying viscosity in the form of gels, creams or pastes, ~~characterized in that it is~~ obtained by assembling the flexible tube according to claim 1 with a capping comprising a base (21) ~~whose~~ having an outer contour which follows the shape of the orthogonal section of the skirt of said tube and is fitted with a large-diameter-skirt (22) ~~whose~~ having a diameter ~~typically lies~~ between $0.5 \cdot D$ and $0.9 \cdot D$, D being the diameter of the largest circle inscribed in the outer contour of said base, said large-diameter-skirt having a height less than D , and being provided with substantially irreversible fixing means (23) to fix the capping (20, 200) to the head (10) of tube (1).